

Exhibit 1

Selected Pages from Lab Notebook S179
Belonging to Frank Tran



LABORATORY NOTEBOOK

Notebook No.: \$ 179
Assigned to: Frank Tran
Date: 7-26-99

Use Nalge Cat. No.

6301-1000
to reorder.

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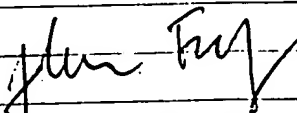
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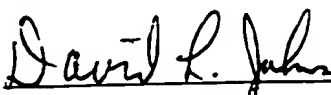
4-16-99

SL 5170 Study with SR 394 (instead of 3700)

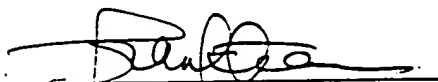
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4/7/2000
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9-16-99

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3/25/03
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Date

4/7/2000

Date _____

4/17/2000
Date
3/25/73

9-11-99

5179-39A

16 mi = 1648, 1684, 1707 = 1680

6 mi = 1900, 1930, 1936 = 1922

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3/25/93
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SL 5170

P. 32.7 mW

batch

20.03	31.47	48.64	74.39	114.35
6.28	5.28	7.05	8.13	9.71
80.12	123.03	191.70	297.57	460.66
8.15	10.37	12.58	15.29	21.98

$Dp = 4.35$ $Ec = 10.66$

9-17-99

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9-18-99

SL 79-39 B

10 mi = 1648, 1687, 1706 = 1680
60 mi = 1783, 1809, 1853 = 1818

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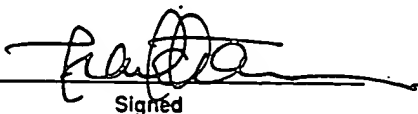
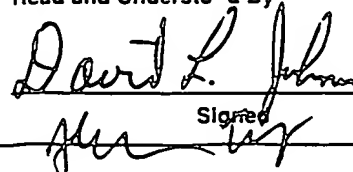
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18-14-99

SL79-39 C	18.99	29.84	48.83	73.24	116.64
	48.66	124.78	192.59	298.38	461.13
SL79-39 D	39C	3.46	5.21	8.13	9.26
		9.45	10.88	13.11	16.32
P = 31.0 mW					20.85
				DP = 4.37	EC = 8.87
	39D	2.48	4.37	7.70	12.56
		9.09	11.93	14.13	17.33
					22.91

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S179-39C 10 min = 1785, 1837, 1879 = 1834
60 min = 2002, 2037, 2051 = 2030

10-15-99

S179-39D 10 min = 1301, 1326, 1341 = 1323
60 min = 1440, 1502, 1523 = 1488

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3/23/02

10-16-99

5179-39D parts did not build.

5179-39E & 39F P = 30.1 w/h

21.07	31.61	47.41	73.75	115.89
79.01	123.79	192.26	297.61	460.91

5179-39E	3.68	4.84	6.48	7.59	8.04
	6.79	8.17	9.50	11.09	14.95

Dp = 2.63 , Ec = 4.93

5179-39F	2.60	3.96	6.94	10.40	11.36
	7.44	11.33	13.89	17.12	24.03

Dp = 5.39 , Ec = 13.43

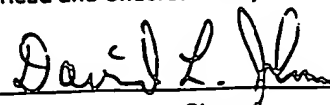
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10-18-99

S 179-39 F 10 min = 1554, 1610, 1629 = 1598
60 min = 1689, 1643, 1520 = 1617

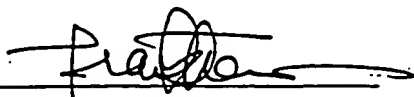
S 179-39 E 10 min = 1586, 1647, 1637 = 1623
60 min = 1713, 1702, 1732 = 1716

10-19-99

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